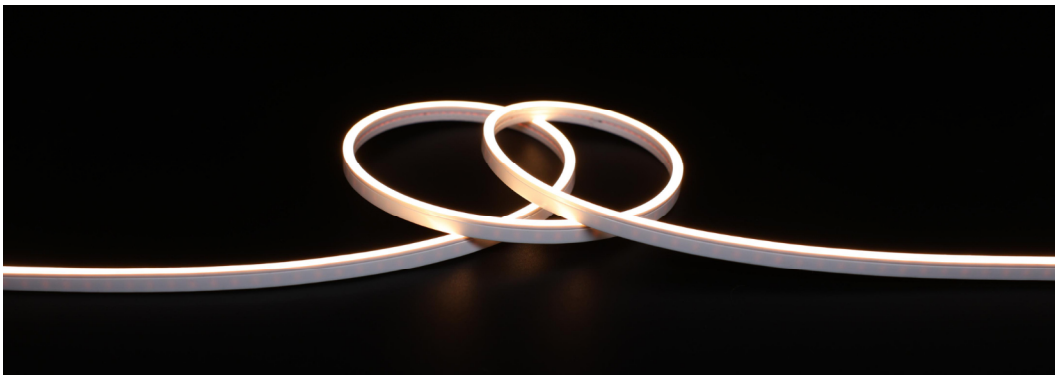
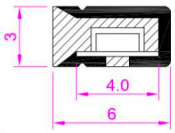
FLEX NEON 3X6 24V 9.6/M

LCLS24VFLX-3X6-10W-30K





TECHNICAL SPECIFICATIONS

- Power W/m±10% : 9.6W/M
- Lumens per watt : 26 LM/W
- Lumens per meter : 250 LM
- CRI : 90+
- Lighting angle : 60º
- Voltage : 24V DC
- Dimmable : Yes
- Dimensions : 3X6mm
- PCB Width : 4mm
- Max length : 5m
- Cut Size : 33.33mm
- Lifespan : 50 000+ hours
- Protection code rating : IP66
- Eye Security : EC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes

Available color temperature (Kelvin)

- 3000K (LCLS24VFLX-6X6-11W-30K)

1. The data shown are typical values. Because of production and component differences, power may vary by ±10%. Brightness and color temperature differences under 10% are considered normal.
2. If the power is 14.4W per meter (4.39W per foot) or less, no extra heat sink is needed on the aluminum profile. If it's more than that, a heat sink must be used.
3. Do not install the light strip while the power is on. Avoid using acidic or alkaline glue with this product. Also, don't touch the strip with sharp tools.
4. Don't change the structure or length of the strip, as it may damage the product or affect how it works.

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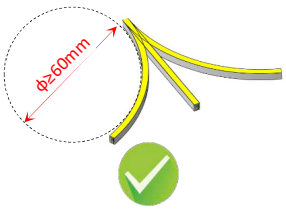
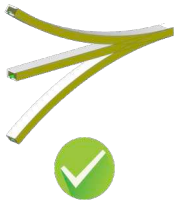
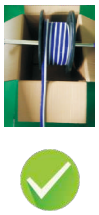
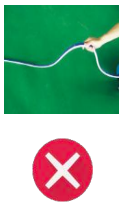
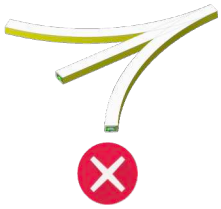
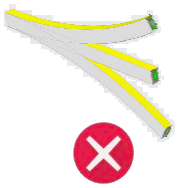
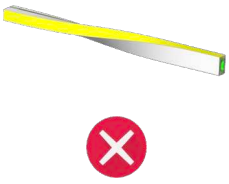
PRODUCT INSTRUCTIONS

It must be cut vertically along the marked cutting line	 The minimum bending diameter is 60mm	 Can be bent perpendicular to the PCB board	 Insert a rod into the scroll and place it on the packing box. Rotate the scroll to unroll and remove the product.	 Never swing and pull when using the product
It must be cut vertically along the marked cutting line	 Avoid bending the strip where the circuit board is located.	 Avoid bending the strip where the circuit board is located.	 Do not twist the strip.	Multiple bends may damage the electronic circuits inside the strip. Avoid doing so

Remarks: The cut marks are indicated by a scissor logo on the PCB, located at the bottom of the product. Do not cut the strip arbitrarily; only cut at the marked positions. The images above are for reference only, showing correct and incorrect handling. Please refer to the actual product for accuracy.

Before installing the product, please note the following:

1. Installation must be performed by qualified electricians. Non-professionals are strictly prohibited from operating.

2. Ensure the product is disconnected from the power supply and remains unpowered during installation.

3. Do not install the product while it is powered on — this may cause damage or malfunction.

4. Do not use any organic chemical solvents on the product. Avoid installation in environments with strong acids or alkalis, as this may cause damage or failure.

5. Do not disassemble or modify the product. Avoid touching the LED surface with sharp objects to prevent damage.

6. During splicing, ensure a secure and reliable connection. Apply proper insulation, waterproofing, and anti-corrosion treatment at all connection points to avoid damage or failure.

7. All bending angles of the light strip must be greater than 60°. Bending at angles less than 60° may cause damage. Before powering on, confirm the wiring is correct and that voltage does not exceed the rated value by more than 0.5V. Do not run the power supply at full load, as this can damage the product.

8. Installation and maintenance must be performed by professional electricians. Do not pull or stretch the light strip horizontally during installation, as this may lead to damage or failure.

9. If the power rating of the strip is ≥14.4W/m, cooling profiles must be used to prevent overheating and product failure. The operating temperature range is -20°C to 45°C. Exceeding this range may cause the product to fail.